

Serial No.: 10/517,303
Atty. Docket No.: P70299US0

IN THE SPECIFICATION:

On page 1, before line 3 and after the title, please insert the following headings:

--BACKGROUND OF THE INVENTION

1. FIELD OF THE INVENTION--.

On page 1, line 7, please insert the following heading:

--2. DESCRIPTION OF THE RELATED ART--.

On page 2, line 3, please insert the following heading:

--SUMMARY OF THE INVENTION--.

On page 2, please amend the paragraph beginning on line 4, as follows:

--The present invention gives an advantageous alternative which besides implies that it is easy to supplement older towed decoys of the first type and give them highly improved qualities. This takes place by the invention of a towed decoy arrangement for a craft having a decoy towed by the craft, the craft having an antenna for receiving threatening signals, such as radar pulses, an analysis and noise signal generating device which generates a noise signal and converts the same up to

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a frequency which is rapidly attenuated in air and an antenna for transmitting the noise signal to the towed decoy. The decoy has an antenna for receiving the signal from the antenna of the craft, a device for transforming the received signal into a noise signal by shifting it to the frequency of the threatening signal and amplifying it, and an antenna for transmitting the noise signal in the direction of the source of the threat signal having the features that are evident from the independent claim. The remaining claims define suitable embodiments of the invention.

According to further embodiments of the present invention, the analysis and noise signal generating device includes the jamming equipment of the aircraft for inherent jamming, and the noise signal between the craft and the decoy is higher than 58 Ghz, and particularly about 77 +/- 5 GHz.

The present invention is further directed to a method of improving a towed decoy arrangement for a craft, including a decoy towed by the craft and having equipment for receiving threatening signals, such as radar pulses. The method provides for analysing the threatening signals and generating a noise signal and for transmitting the noise signal. The craft is provided with an antenna for receiving the threatening signals, an analysis and noise signal generating device generating a noise

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signal and converting the same up to a frequency which is rapidly attenuated in air, and an antenna for transmitting the noise signal to the towed decoy. The decoy is supplemented with an antenna receiving the signal from the antenna of the craft, a device which transforms the received signal into a noise signal by shifting it to the frequency of the threatening signal, which is fed to the existing decoy transmitter with an antenna for transmitting the noise signal in the direction of the source of the threat signal.

The method may further include using the jamming equipment of the aircraft for inherent jamming, and selecting the noise signal between the craft and decoy to be higher than 58 Ghz and, preferably about 77 +/- 5 GHz.--

On page 2, line 9, insert the following heading,
--BRIEF DESCRIPTION OF THE DRAWINGS--.

On page 2, line 15, insert the following heading along with the paragraph following thereafter:

--DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Further scope of applicability of the present invention will become apparent from the detailed description given

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hereinafter. However, it should be understood that the detailed description and specific examples, while indicating preferred embodiments of the invention, are given by way of illustration only, since various changes and modifications within the spirit and scope of the invention will become apparent to those skilled in the art from this detailed description.--.

On page 4, after the last line, please insert the following paragraph:

--The invention being thus described, it will be apparent that the same may be varied in many ways. Such variations are not to be regarded as a departure from the spirit and scope of the invention, and all such modifications as would be recognized by one skilled in the art are intended to be included within the scope of the following claims.--.